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 ... This rule illustrates the use of an execSQL TriggerMan command that allows **SQL** statements to ... to two data sources, the AND of its conjuncts is a **join** predicate. ...

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 ... A continual query is defined by a triple (Q , T_{cq} , Stop), consisting of a normal query Q (eg, written in **SQL**), a trigger condition T_{cq} , and a ...

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H Galhardas, D Florescu, D Shasha, E Simon, CA ... - Proc. DMDW'01, 2001 - tagus.ist.utl.pt

 ... The view operator, which essentially corresponds to an **SQL** select statement, takes several relations as input and returns a single relation as output; it can ...

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T Didriksen - Proceedings of the second ACM workshop on Role-based access ..., 1997 - portal.acm.org

 ... Rules in database systems are often described with the **event, condition, action** or $\langle E, C, A \rangle$ paradigm ... The symbol "W" corresponds to the **SQL** join operator. ...

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F Lirbat, F Fabret, E Simon - ACM SIGMOD Record, 1997 - portal.acm.org

 ... Throughout this paper, we consider relational databases and **Event-Condition-Action** rules (henceforth ... The condition is an **SQL** search condition over the database ...

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L Li, S Chakravarthy - Data Engineering, 1999. Proceedings., 15th International ..., 1999 - ieeeexplore.ieee.org

 ... can be done by defining **event-condition-action** (ECA) rules ... from LED and generate the **SQL** code for ... **Join** syscontext and dbname.username.TableName.inserted (or ...

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An algebraic approach to static analysis of active database rules

E Baralis, J Widom - ACM Transactions on Database Systems (TODS), 2000 - portal.acm.org

 ... Section 4 we describe our **event-condition-action** (ECA) and ... us to represent the **SQL** data modification ... select (), project (), cross-product (), natural join (...

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M Arenas, V Kantere, A Kementsietsidis, I Kiringa, ... - ACM SIGMOD Record, 2003 - portal.acm.org

... New peers may **join** or leave the network at ... we propose a mechanism which uses **event-condition-action** (ECA) rules ... expressed for convenience as an **SQL** trigger). ...

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E Baralis, J Widom, Computer Science Dept, ... - PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON VERY LARGE ..., 1994 - [reports.stanford.edu](#)

... in a recent paper KU94, where **Event-Condition-Action** rules are ... allows us to represent the **SQL** data modification ... cross-product, natural **join** 1, union ...

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[An Introduction to the TriggerMan Asynchronous Trigger Processor](#)

EN Hanson, S Khosla - Rules in Database Systems: Third International Workshop, ..., 1997 - [books.google.com](#)

... work on database triggers follows the **event-condition-action** (ECA) rule ... and having clauses familiar to users of **SQL**. ... to test selection and **join** conditions, plus ...

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Scalable trigger processing

[Hanson, E.N.](#), [Carnes, C.](#), [Huang, L.](#), [Konyala, M.](#), [Noronha, L.](#), [Parthasarathy, S.](#), [P](#)
CISE Dept., Florida Univ., Gainesville, FL;

This paper appears in: [Data Engineering, 1999. Proceedings., 15th International Con](#)

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Abstract

Current database trigger systems have extremely limited scalability. This paper proposes truly scalable trigger system. Scalability to large numbers of triggers is achieved with a tri main memory effectively, and a memory-conserving selection predicate index based on t expression formats called expression signatures. A key observation is that if a very large are created, many will have the same structure, except for the appearance of different co a trigger is created, tuples are added to special relations created for expression signature constants. These tables can be augmented with a database index or main-memory index a predicate index. The design presented also uses a number of types of concurrency to e including token (tuple)-level, condition-level, rule action-level and data-level concurrency

Index Terms

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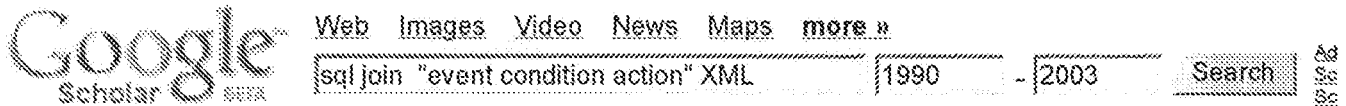
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... A continual query is defined by a triple (\$Q\$, \$T_{\{cq\}}\$, Stop), consisting of a normal query \$Q\$ (eg, written in **SQL**), a trigger condition \$T_{\{cq\}}\$, and a ...

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[PDF] ► OntoAgent: A Platform for the Declarative Specification of Agents

A Eberhart - Proceedings of the international Workshop on Rule Markup ..., 2002 - mindswap.org

... **Event Condition Action** Rules ... the equi-join of b and c on the variable Y . In turn, the ... Microsoft Access which is used as a graphical front-end for **SQL** Server. ...

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Continuous queries over data streams - ► [uoc.gr](#) [PDF]

S Babu, J Widom - ACM SIGMOD Record, 2001 - portal.acm.org

... if the load exceeds a threshold T. A **SQL** version of ... case where Q is a self-join, we can ... Triggers, also called **event-condition-action** rules, are used to monitor ...

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A Gupta, M Bhide, M Mohania - Data Engineering, 2003. Proceedings. 19th International ..., 2003 - ieeexplore.ieee.org

... interpretation of ECA (**Event-Condition-Action**) rule. ... Using **SQL**, parts of multiple tables can be selected using Cartesian product or **Join**, allowing the ...

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[DOC] ► Active Databases

S Chakravarthy - Special Issue of the Bulletin of the IEEE TC on Data ..., 1992 - itlab.uta.edu

... We have successfully implemented K-way join, Query/Sub ... was provided through an ODBC or **SQL** cursor interface ... into a set of rules (**event-condition-action** rules so ...

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G Zimbrão, R Miranda, JM de Souza, MH Estolano, ... - 2003 - lbd.dcc.ufmg.br

... 2,6,21] presents a model of **event-condition-action** rules, or ... out in [4] for mapping from OCL to **SQL**. ... the navigation pattern – we used join operations instead ...

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An event driven approach to customer relationship management in e-brokerage industry -

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DKW Chiu, WCW Chan, GKW Lam, SC Cheung, FT Luk - System Sciences, 2003. Proceedings of the 36th Annual Hawaii ..., 2003 - ieeexplore.ieee.org

... Event driven execution of rules in **event-condition-action** (ECA) form can ... Therefore, without significant reasons, clients will unlikely join another brokerage ...

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View-Based Contracts in an E-Service Cross-Organizational Workflow Environment

E Kafeza, DKW Chiu, I Kafeza - LECTURE NOTES IN COMPUTER SCIENCE, 2001 - Springer
... determines whether there is a **join** immediately before ... derived objects specified with
object-**SQL** can be ... can be specified in (**Event, Condition, Action**) form or ...
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ObjectGlobe: Ubiquitous query processing on the Internet - ► [tu-muenchen.de](#) [PDF]
R Braumandl, M Keidl, A Kemper, D Kossmann, A ... - The VLDB Journal The International Journal on Very
Large ..., 2001 - Springer
... sketched in Fig.3. The real **XML** plan is ... the operator is executed, eg, the final **join**
and the ... rently, ObjectGlobe supports a subset of **SQL**; ObjectGlobe, however ...
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S Ceri, C Gennaro, S Paraboschi, G Serazzi - IEEE TRANSACTIONS ON KNOWLEDGE AND DATA
ENGINEERING, 2003 - doi.ieeecomputersociety.org
... They follow the **Event-Condition-Action** (ECA) paradigm, where the ... is either a collection
of **SQL** statements, or ... Clients generated by Split **join** the queue of the ...
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 ... cq)\$, Stop), consisting of a normal query \$Q\$ (eg, written in **SQL**), a trigger ...

 comparison_op> value, such as "stock.price > 100." A **composite event** is defined ...

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K Kan1apalem, AR Dani, PR Krishna - Conceptual Modeling-Er 2001: 20th International Conference ..., 2001 -

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IBM India Research Laboratory;

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